



2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060

F 202.293.7860

www.sughrue.com

Darryl Mexic
T (202) 663-7909
dmexic@sughrue.com

December 16, 2003

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

16834 10/735745 US PTO
121603

Re: Application of Nam-hyong KIM
UWB PULSE SEQUENCE GENERATION APPARATUS AND METHOD,
AND DATA COMMUNICATION, APPARATUS AND METHOD USING
THE UWB PULSE SEQUENCE
Assignee: SAMSUNG ELECTRONICS CO., LTD.
Our Ref. Q78338

Dear Sir:

Attached hereto is the application identified above comprising twenty-eight (28) sheets of the specification, including the claims and abstract, and seven (7) sheets of drawings, a copy of an executed Assignment and PTO 1595 form, and a copy of an executed Declaration and Power of Attorney.

The Government filing fee is calculated as follows:

| | | | | | | | | | |
|--------------------|----|---|----|---|----|---|---------|---|----------|
| Total claims | 30 | - | 20 | = | 10 | x | \$18.00 | = | \$180.00 |
| Independent claims | 10 | - | 3 | = | 7 | x | \$86.00 | = | \$602.00 |
| Base Fee | | | | | | | | | \$770.00 |

| | |
|---------------------------|-------------------------|
| TOTAL FILING FEE | \$1552.00 |
| Recordation of Assignment | \$40.00 |
| TOTAL FEE | <u>\$1592.00</u> |

Checks for the statutory filing fee of \$1552.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.



SUGHRUE MION, PLLC

Attorney Docket No. Q78338

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Priority is claimed from:

Country

REPUBLIC of KOREA

Application No

10-2003-0015194

Filing Date

March 11, 2003

The priority document is enclosed herewith.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By Daryl Mexic

Daryl Mexic
Registration No. 23,063

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

DM/lck